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Ag 81A

Appropriations for the Department of Agriculture
for the fiscal year ending June 30, 1911.

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UNITED STATES

DEPARTMENT OF AGRICULTURE

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Ag 81A

[PUBLIC—No. 190.]

[H. R. 18162.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and eleven.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and eleven, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

OFFICE OF THE SECRETARY: Secretary of Agriculture, twelve thousand dollars; Assistant Secretary of Agriculture, five thousand dollars; solicitor, four thousand five hundred dollars, and hereafter the legal work of the Department of Agriculture shall be performed under the supervision and direction of the solicitor; chief clerk, two thousand five hundred dollars, and five hundred dollars additional as custodian of buildings; private secretary to the Secretary of Agriculture, two thousand five hundred dollars; stenographer and executive clerk to the Secretary of Agriculture, two thousand two hundred and fifty dollars; private secretary to the Assistant Secretary of Agriculture, one thousand six hundred dollars; stenographer to the Assistant Secretary of Agriculture, one thousand four hundred dollars; one appointment clerk, two thousand dollars; one chief of supply division, two thousand dollars; one inspector, two thousand five hundred dollars; one law clerk, two thousand five hundred dollars; ten law clerks, at two thousand dollars each; seven law clerks, at one thousand eight hundred dollars each; three law clerks, at one thousand six hundred dollars each: *Provided*, That the law clerks may be detailed by the Secretary of Agriculture for service in or out of Washington; one telegraph and telephone operator, one thousand four hundred dollars; two clerks, class four; three clerks, class three; six clerks, class two; ten clerks, class one; seven clerks, at one thousand dollars each; four clerks, at nine hundred dollars each; ten clerks, messengers, or skilled laborers, at eight hundred and forty dollars each; eight clerks or laborers, at seven hundred and twenty dollars each; one chief engineer, who shall be captain of the watch, one thousand six hundred dollars; one assistant engineer, one thousand four hundred dollars; one engineer, one thousand two hundred dollars; two assistant engineers, at one thousand dollars each; six firemen, at seven hundred and twenty dollars each; one fireman, six hundred dollars; four elevator conductors, at seven hundred and twenty dollars each; one construction inspector, one thousand two hundred dollars; one cabinetmaker, one thousand one hundred dollars; two cabinetmakers, at one thousand and eighty dollars each; one carpenter, one thousand one hundred dollars; one carpenter, one thousand dollars; two carpenters, at nine hundred and sixty

dollars each; five carpenters, at nine hundred dollars each; two carpenters, at eight hundred and forty dollars each; one electrician, one thousand dollars; one electrical wireman, nine hundred dollars; two painters, at nine hundred dollars each; one painter, eight hundred and forty dollars; one painter, seven hundred and twenty dollars; two plumbers, at nine hundred dollars each; two plumbers, at eight hundred and forty dollars each; one plumber's helper, six hundred dollars; one blacksmith, eight hundred and forty dollars; one lieutenant of the watch, one thousand dollars; twenty-eight watchmen, at seven hundred and twenty dollars each; two mechanics, at one thousand two hundred dollars each; two mechanics, at one thousand one hundred dollars each; eight assistant messengers, or skilled laborers, at seven hundred and twenty dollars each; seven assistant messengers, or skilled laborers, at six hundred dollars each; seven laborers, at six hundred dollars each; seventeen laborers, messenger boys, or charwomen, at four hundred and eighty dollars each; one charwoman, five hundred and forty dollars; five charwomen, at two hundred and forty dollars each; for extra labor and emergency employments, seven thousand six hundred dollars.

Total for Office of the Secretary, two hundred and twenty-nine thousand eight hundred and seventy dollars.

WEATHER BUREAU.

SALARIES, OFFICE OF CHIEF OF WEATHER BUREAU: One chief of bureau, six thousand dollars; one assistant chief of bureau, three thousand dollars; one chief clerk, two thousand two hundred and fifty dollars; four chiefs of division, at two thousand dollars each; one librarian, two thousand dollars; seven clerks, class four; seven clerks, class three; eighteen clerks, class two; twenty-seven clerks, class one; eighteen clerks, at one thousand dollars each; nine clerks, at nine hundred dollars each; four copyists or typewriters, at eight hundred and forty dollars each; one copyist or typewriter, seven hundred and twenty dollars; two assistant foremen of division, at one thousand six hundred dollars each; one proof reader, one thousand four hundred dollars; one chief mechanic, one thousand four hundred dollars; one lithographer, one thousand three hundred dollars; three lithographers, at one thousand two hundred dollars each; two pressmen, at one thousand two hundred and fifty dollars each; ten compositors at one thousand two hundred and fifty dollars each; one skilled mechanic, one thousand two hundred dollars; six skilled mechanics, at one thousand dollars each; one engineer, one thousand two hundred dollars; one captain of the watch, one thousand dollars; one electrician, one thousand dollars; six skilled artisans, at eight hundred and forty dollars each; one gardener, eight hundred and forty dollars; five messengers or laborers, at seven hundred and twenty dollars each; three firemen, at seven hundred and twenty dollars each; four watchmen, at seven hundred and twenty dollars each; five folders and feeders, at seven hundred and twenty dollars each; three folders and feeders, at six hundred and thirty dollars each; six messengers or laborers, at six hundred and sixty dollars each; thirteen messengers, messenger boys, or laborers, at six hundred dollars each; four messengers, messenger boys, or laborers, at four hundred and eighty dollars each; five messengers,

messenger boys, or laborers, at four hundred and fifty dollars each; one charwoman, three hundred and sixty dollars; three charwomen, at two hundred and forty dollars each; in all, two hundred and six thousand one hundred and fifty dollars.

CONTINGENT EXPENSES, WEATHER BUREAU: For fuel, lights, repairs, and other expenses for the care and preservation of the public buildings and grounds of the Weather Bureau in the city of Washington; for stationery and blank books, furniture and repairs to same, and freight and express charges; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for in the city of Washington, twenty-five thousand dollars.

GENERAL EXPENSES, WEATHER BUREAU: For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies or on adjacent coasts, in the Hawaiian Islands, and in Bermuda, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and for every expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For the employment of professors of meteorology, inspectors, district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, repair men, station agents, messengers, messenger boys, laborers, and other necessary employees, six hundred and twenty thousand four hundred and ten dollars;

For fuel, gas, electricity, freight and express charges, furniture, stationery, and all other necessary supplies and materials, ninety-four thousand dollars;

For instruments, shelters, apparatus, storm-warning towers, and repairs thereto, thirty thousand dollars;

For rebuilding and equipping the Weather Bureau building at Sand Key, Florida, plans and specifications to be prepared by the Secretary of Agriculture, and the work done under his supervision, not to exceed fifteen thousand dollars;

For rent of offices and repairs to buildings now completed and located outside of the District of Columbia and care and preservation of grounds, including construction of sidewalks on public streets abutting Weather Bureau grounds, eighty-two thousand five hundred dollars;

For official traveling expenses, twenty-two thousand dollars;

For telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service, two hundred and sixty-five thousand seven hundred dollars;

For the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines, four thousand dollars;

For investigations in climatology and evaporation, including the erection of temporary buildings for living quarters for observers

engaged in evaporation work, for river, rain, snow, ice, crop, evaporation, aerial, storm, hurricane and other observations, warnings, and reports, and for pay of special observers and display men, none of whom shall receive more than twenty-five dollars per month, one hundred and twenty thousand dollars;

For the maintenance of a printing office in the city of Washington, including the purchase of necessary supplies and materials for printing weather maps, bulletins, circulars, forms, and other publications, and for pay of additional assistant foremen, proof readers, compositors, pressmen, lithographers, and folders and feeders, when necessary, forty thousand dollars;

In all, for general expenses, one million two hundred and ninety-three thousand six hundred and ten dollars.

Total for Weather Bureau, one million five hundred and twenty-four thousand seven hundred and sixty dollars.

BUREAU OF ANIMAL INDUSTRY.

SALARIES, BUREAU OF ANIMAL INDUSTRY: One chief of bureau, five thousand dollars; one chief clerk, two thousand dollars; one editor and compiler, two thousand dollars; four clerks, class four; five clerks, class three; eighteen clerks, class two; one clerk, one thousand three hundred dollars; fifteen clerks, class one; fourteen clerks, at one thousand dollars each; six clerks, at nine hundred dollars each; three clerks, at eight hundred and forty dollars each; five clerks, at seven hundred and twenty dollars each; one clerk, seven hundred dollars; one instrument maker, one thousand two hundred dollars; one messenger and custodian, one thousand dollars; three messengers, at eight hundred and forty dollars each; four messengers, at seven hundred and twenty dollars each; two messenger boys, at four hundred and eighty dollars each; one messenger boy, three hundred and sixty dollars; one skilled laborer, eight hundred and forty dollars; one skilled laborer, seven hundred and twenty dollars; two skilled laborers, at six hundred dollars each; one skilled laborer, six hundred and sixty dollars; one illustrator, one thousand four hundred dollars; four laborers, at six hundred dollars each; two laborers, at four hundred and eighty dollars each; one charwoman, five hundred and forty dollars; six charwomen, at four hundred and eighty dollars each; two charwomen, at two hundred and forty dollars each; in all, one hundred and fifteen thousand nine hundred and twenty dollars.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes, and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth, and the provisions of the Act approved February second, nineteen hundred and three, to enable

the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes, and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation," and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuro-pneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the construction and alteration of buildings thereon, the inspection work relative to the existence of contagious diseases and the tuberculin and mallein testing of animals, six hundred and twenty-three thousand dollars:

For all necessary expenses for the eradication of southern cattle ticks, two hundred and fifty thousand dollars:

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated butter, factories, and markets, one hundred and forty-seven thousand six hundred dollars: X

For all necessary expenses for investigations and experiments in animal husbandry, forty-two thousand dollars: X

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary construction and alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, one hundred and eight thousand dollars:

For all necessary expenses for the equipment of a bureau experiment station, including the necessary construction and alterations of buildings thereon, the construction and repair of fences, roadways, drains, and other incidental work, twelve thousand dollars:

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent in the city of Wash-

ington, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, fifty-one thousand nine hundred and forty dollars;

In all, for general expenses, one million two hundred and thirty-four thousand five hundred and forty dollars.

COOPERATIVE EXPERIMENTS IN ANIMAL FEEDING AND BREEDING: For experiments in animal feeding and breeding, including cooperation with the state agricultural experiment stations, including the repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including rent, and the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, fifty thousand dollars.

Total for Bureau of Animal Industry, one million four hundred thousand four hundred and sixty dollars.

BUREAU OF PLANT INDUSTRY.

SALARIES, BUREAU OF PLANT INDUSTRY: One plant physiologist and pathologist, who shall be chief of bureau, five thousand dollars; one chief clerk, two thousand two hundred and fifty dollars; one editor, two thousand dollars; one superintendent of gardens and grounds, one thousand eight hundred dollars; one officer in charge of records, two thousand dollars; three executive clerks, at one thousand nine hundred and eighty dollars each; one executive assistant in grain investigations, one thousand eight hundred dollars; one executive assistant in farm management, one thousand eight hundred dollars; four clerks, class four; eight clerks, class three; one clerk, one thousand five hundred dollars; fifteen clerks, class two; thirty-three clerks, class one; one seed clerk and superintendent, one thousand two hundred dollars; one clerk, one thousand and eighty dollars; two clerks, at one thousand and twenty dollars each; nineteen clerks, at one thousand dollars each; nineteen clerks, at nine hundred dollars each; sixteen clerks, at eight hundred and forty dollars each; one clerk, eight hundred dollars; thirty-one clerks, messengers, or laborers, at seven hundred and twenty dollars each; sixteen clerks, messengers, or laborers, at six hundred and sixty dollars each; thirty clerks, messengers, or laborers, at six hundred dollars each; one gardener, one thousand two hundred dollars; one gardener, one thousand one hundred dollars; two gardeners or assistants, at one thousand dollars each; six gardeners, at nine hundred dollars each; two gardeners, at eight hundred and forty dollars each; four gardeners, at seven hundred and eighty dollars each; eight gardeners, at seven hundred and twenty dollars each; three gardeners, at six hundred and sixty dollars each; one gardener, six hundred dollars; one skilled laborer, nine hundred dollars; three skilled laborers, at eight hundred and forty dollars each; six laborers, at five hundred and forty dollars each; nineteen laborers, messengers, or messenger boys, at four hundred and eighty dollars each; three laborers or charwomen, at four hundred and eighty dollars each; one laborer or charwoman, three hundred and sixty dollars; two laborers, at four hundred and twenty dollars each; six charwomen, at two hundred and forty dollars each; four messenger boys, at three hundred and sixty dollars each; three messenger boys, at three hundred dollars each; in all, two hundred and fifty-five thousand two hundred and seventy dollars.

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, twenty-one thousand seven hundred and ten dollars;

For the control of diseases of orchard and other fruits, thirty-four thousand and seventy-five dollars;

For the control of diseases of forest and ornamental trees and shrubs, sixteen thousand five hundred and ten dollars;

For the control of diseases of cotton, truck crops, and related plants, twelve thousand nine hundred and sixty dollars;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, twenty-five thousand and fifteen dollars;

For soil bacteriology, plant nutrition, and water purification investigations, twenty-three thousand seven hundred and twenty-five dollars;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, thirty-four thousand six hundred and seventy dollars;

For drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations, forty-two thousand nine hundred and seventy dollars;

For crop technological and fiber plant investigations, thirteen thousand and thirty dollars;

For investigating the handling, grading, and baling of cotton, and the establishment of standards for the different grades thereof and for carrying into effect the provisions of law relating thereto, thirty-six thousand six hundred and fifty dollars;

For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, fifty-one thousand and twenty dollars;

For physical investigations in connection with the various lines of work herein authorized, fifteen thousand two hundred and fifty-five dollars;

To collect, purchase, propagate, test, and experiment with seeds of interest to agriculture, including rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants, sixteen thousand six hundred and fifty dollars;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa secured in the open market and where such samples are found to be adulterated or misbranded, the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, twenty-five thousand eight hundred and thirty dollars;

For the investigation and improvement of grains and methods of grain production, sixty-one thousand nine hundred and twenty-five dollars;

For the investigation and improvement of methods of growing, producing, and handling tobacco, twenty-two thousand three hundred and thirty dollars;

For general plant breeding and cooperative plant breeding demonstrations, thirteen thousand seven hundred dollars;

For testing and breeding fibrous plants, which may be used for paper making, eight thousand seven hundred and seventy-five dollars;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, seventeen thousand five hundred dollars;

For the investigation and improvement of sugar-producing plants, including their utilization and culture, twenty-three thousand and seventy-five dollars;

For taxonomic investigations and the study of methods for the improvement of grazing lands, seventeen thousand six hundred and fifty dollars;

To investigate and encourage the adoption of improved methods of farm management and farm practice, one hundred and thirty thousand and sixty dollars;

For the study and demonstration of the best methods of meeting the ravages of the cotton boll weevil, two hundred and fifty thousand one hundred and fifty-five dollars, ten thousand dollars of which shall be immediately available;

For the investigation and improvement of methods of crop production under semiarid or dry-land conditions, thirty-one thousand seven hundred and thirty dollars;

For investigations in connection with the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, seventy-four thousand three hundred and eighty dollars;

For investigating the methods of growing, harvesting, packing, storing, handling, and shipping fruits and melons, and for experimental shipments of fruits and melons within the United States and to foreign countries, seventy-one thousand six hundred and fifteen dollars;

To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, thirteen thousand five hundred and forty dollars;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighth, nineteen hundred, and for other general horticultural investigations, thirty-four thousand nine hundred and thirty dollars;

For the maintenance of a testing garden on the Fort Brown Military Reservation at Brownsville, Texas, nine thousand one hundred dollars;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the editor,

records, supplies, and property, and for miscellaneous expenses incident thereto, forty-two thousand eight hundred and eleven dollars;

In all, for general expenses, one million one hundred and ninety-three thousand three hundred and forty-six dollars.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS: For purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for rent and repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, three hundred and nine thousand five hundred and ninety dollars, of which amount not less than two hundred and sixty-five thousand seven hundred and ten dollars shall be allotted for congressional distribution. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants, shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates to Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster-General may jointly determine: *Provided, however,* That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided also,* That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided also,* That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: *And provided also,* That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein

appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants: *Provided further*, That forty-three thousand eight hundred and eighty dollars of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country, and same shall not be distributed generally, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations.

Total for Bureau of Plant Industry, one million seven hundred and fifty-eight thousand two hundred and six dollars.

FOREST SERVICE.

SALARIES, FOREST SERVICE: One forester, who shall be chief of bureau, five thousand dollars; one clerk, one thousand five hundred dollars; one clerk, one thousand three hundred and twenty dollars; two clerks, at one thousand two hundred and sixty dollars each; four clerks, at one thousand two hundred dollars each; five clerks, at one thousand and eighty dollars each; eight clerks, at one thousand and twenty dollars each; ten clerks, at nine hundred and sixty dollars each; seventeen clerks, at nine hundred dollars each; four messengers, at six hundred and sixty dollars each; four messengers, at three hundred and sixty dollars each; three watchmen, at eight hundred and forty dollars each; in all, sixty thousand two hundred dollars.

GENERAL EXPENSES, FOREST SERVICE: To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed five hundred dollars; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests, except the Black Hills National Forest in South Dakota, to be exported from the State, Territory, or the district of Alaska in which said forests are respectively situated: *Provided*, That the exportation of dead and insect-infested timber only from said Black Hills National Forest shall be allowed until such time as the forester shall certify that the ravages of the destructive insects in said forests are practically checked, but in no case after July first, nineteen hundred and twelve; to transport and care for fish and game supplied

to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase law books to an amount not exceeding five hundred dollars, necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent in the city of Washington and elsewhere, as follows:

For salaries and field and station expenses necessary for the use, maintenance, and protection of the national forests:

Absaroka National Forest, Montana, twenty thousand eight hundred and forty-four dollars;

Alamo National Forest, New Mexico, thirty-three thousand four hundred and forty-nine dollars;

Angeles National Forest, California, fifty thousand six hundred and forty-four dollars;

Apache National Forest, Arizona, thirty-one thousand four hundred and fourteen dollars;

Arapaho National Forest, Colorado, twenty-one thousand five hundred and sixty dollars;

Arkansas National Forest, Arkansas, thirty-two thousand nine hundred and sixty dollars;

Ashley National Forest, Utah and Wyoming, nineteen thousand six hundred and sixty-eight dollars;

Battlement National Forest, Colorado, fifteen thousand seven hundred dollars;

Beartooth National Forest, Montana, seventeen thousand two hundred and ninety-nine dollars;

Beaverhead National Forest, Montana and Idaho, thirty-one thousand eight hundred and thirty-seven dollars;

Bighorn National Forest, Wyoming, thirty-two thousand two hundred and thirty-eight dollars;

Bitterroot National Forest, Montana, thirty-one thousand three hundred and ninety-one dollars;

Blackfeet National Forest, Montana, thirty-eight thousand one hundred and fifty-nine dollars;

Black Hills National Forest, South Dakota, forty-four thousand seven hundred and forty-six dollars;

Boise National Forest, Idaho, twenty-seven thousand nine hundred and twenty-five dollars;

Bonneville National Forest, Wyoming, twenty-two thousand eight hundred and twenty-two dollars;

Cabinet National Forest, Montana, twenty-one thousand one hundred and forty-three dollars;

Cache National Forest, Utah and Idaho, eighteen thousand seven hundred dollars;

California National Forest, California, twenty-six thousand two hundred and forty dollars;

- Caribou National Forest, Idaho and Wyoming, twenty thousand two hundred dollars;
- Carson National Forest, New Mexico, twenty-eight thousand nine hundred and seventy-one dollars;
- Cascade National Forest, Oregon, thirty-seven thousand two hundred and eighty dollars;
- Challis National Forest, Idaho, twenty-one thousand six hundred dollars;
- Chelan National Forest, Washington, forty-two thousand one hundred and ninety-five dollars;
- Chiricahua National Forest, Arizona and New Mexico, twenty-one thousand one hundred and thirty-one dollars;
- Choctawhatchee National Forest, Florida, nine thousand and nine dollars;
- Chugach National Forest, Alaska, seventeen thousand eight hundred and forty-eight dollars;
- Clearwater National Forest, Idaho, forty-one thousand one hundred and five dollars;
- Cleveland National Forest, California, thirty-eight thousand seven hundred and eighty-three dollars;
- Cochetopa National Forest, Colorado, seventeen thousand seven hundred and four dollars;
- Coconino National Forest, Arizona, fifty thousand two hundred and twenty-six dollars;
- Coeur d'Alene National Forest, Idaho, forty-five thousand nine hundred and seventy-six dollars;
- Colorado National Forest, Colorado, nineteen thousand eight hundred and fifty-four dollars;
- Columbia National Forest, Washington, twenty-three thousand three hundred and seventy-six dollars;
- Colville National Forest, Washington, twenty-two thousand nine hundred and ten dollars;
- Coronado National Forest, Arizona, twenty-four thousand two hundred and twelve dollars;
- Crater National Forest, Oregon and California, thirty-one thousand three hundred and sixty-nine dollars;
- Crook National Forest, Arizona, twenty-seven thousand seven hundred and twelve dollars;
- Custer National Forest, Montana, twelve thousand eight hundred and forty-seven dollars;
- Datil National Forest, New Mexico, forty-two thousand nine hundred and three dollars;
- Deerlodge National Forest, Montana, forty-one thousand two hundred and eight dollars;
- Deschutes National Forest, Oregon, thirty thousand four hundred and sixty-three dollars;
- Dixie National Forest, Utah and Arizona, sixteen thousand six hundred dollars;
- Eldorado National Forest, California, eleven thousand three hundred and fifty dollars;
- Fillmore National Forest, Utah, eighteen thousand seven hundred and thirty dollars;
- Fishlake National Forest, Utah, twenty thousand eight hundred dollars;

Flathead National Forest, Montana, thirty-five thousand eight hundred and thirty dollars;

Fremont National Forest, Oregon, twenty-nine thousand nine hundred dollars;

Gallatin National Forest, Montana, twenty-six thousand five hundred and ninety-four dollars;

Garces National Forest, Arizona, nineteen thousand three hundred and forty-five dollars;

Gila National Forest, New Mexico, forty-seven thousand four hundred and eighty-four dollars;

Gunnison National Forest, Colorado, twenty thousand five hundred and eighty-six dollars;

Hayden National Forest, Wyoming and Colorado, sixteen thousand eight hundred and fifty dollars;

Helena National Forest, Montana, thirty-four thousand five hundred and eight dollars;

Holy Cross National Forest, Colorado, eighteen thousand six hundred and ten dollars;

Humboldt National Forest, Nevada, nineteen thousand and twenty-six dollars;

Idaho National Forest, Idaho, twenty-one thousand seven hundred and eighty dollars;

Inyo National Forest, California and Nevada, twenty-nine thousand five hundred dollars;

Jefferson National Forest, Montana, thirty-four thousand and one dollars;

Jemez National Forest, New Mexico, thirty-one thousand four hundred and seventy-six dollars;

Kaibab National Forest, Arizona, twenty thousand four hundred dollars;

Kaniksu National Forest, Idaho and Washington, twenty-eight thousand four hundred and forty-eight dollars;

Kansas National Forest, Kansas, eight thousand eight hundred and five dollars;

Kern National Forest, California, twenty-seven thousand five hundred and twelve dollars;

Klamath National Forest, California, forty-two thousand dollars;

Kootenai National Forest, Montana, thirty thousand six hundred and thirty-four dollars;

La Sal National Forest, Utah and Colorado, thirteen thousand eight hundred and ninety dollars;

Lassen National Forest, California, thirty-one thousand one hundred and fifty-four dollars;

Leadville National Forest, Colorado, twenty-nine thousand seven hundred and twenty dollars;

Lemhi National Forest, Idaho, twenty thousand seven hundred and fifty dollars;

Lewis and Clark National Forest, Montana, seventeen thousand four hundred and twenty-six dollars;

Lincoln National Forest, New Mexico, twenty thousand two hundred and eighteen dollars;

Lolo National Forest, Montana, twenty-eight thousand nine hundred and fifty-two dollars;

Madison National Forest, Montana, twenty-four thousand seven hundred and forty-five dollars;

Malheur National Forest, Oregon, twenty-four thousand and sixty-three dollars;

Manti National Forest, Utah, twenty-three thousand dollars;

Manzano National Forest, New Mexico, fourteen thousand seven hundred and seventy-six dollars;

Marquette National Forest, Michigan, two thousand four hundred and five dollars;

Medicine Bow National Forest, Wyoming, twenty-eight thousand three hundred and fifty dollars;

Michigan National Forest, Michigan, three thousand seven hundred and forty-four dollars;

Minnesota National Forest, Minnesota, twenty-four thousand four hundred and thirty-three dollars;

Minidoka National Forest, Idaho and Utah, seventeen thousand eight hundred dollars;

Missoula National Forest, Montana, thirty-four thousand five hundred and four dollars;

Moapa National Forest, Nevada, three thousand four hundred dollars;

Modoc National Forest, California, thirty thousand eight hundred and ninety dollars;

Mono National Forest, Nevada and California, twenty-three thousand seven hundred and twenty-five dollars;

Monterey National Forest, California, fifteen thousand and seventy dollars;

Montezuma National Forest, Colorado, twenty-three thousand four hundred and forty dollars;

Nebo National Forest, Utah, nine thousand three hundred dollars;

Nebraska National Forest, Nebraska, eighteen thousand two hundred and fifty dollars;

Nevada National Forest, Nevada, twenty thousand nine hundred dollars;

Nezperce National Forest, Idaho, twenty-eight thousand five hundred and seven dollars;

Ocala National Forest, Florida, five thousand six hundred and twenty-three dollars;

Olympic National Forest, Washington, thirty-two thousand nine hundred and twenty-five dollars;

Oregon National Forest, Oregon, forty thousand eight hundred and eighty-two dollars;

Ozark National Forest, Arkansas, twenty-six thousand nine hundred and sixty-one dollars;

Palisade National Forest, Idaho and Wyoming, fifteen thousand five hundred and fifty dollars;

Payette National Forest, Idaho, twenty thousand six hundred and sixty dollars;

Pecos National Forest, New Mexico, twenty-nine thousand four hundred and eighty-nine dollars;

Pend d'Oreille National Forest, Idaho, twenty-seven thousand one hundred and sixty-two dollars;

Pike National Forest, Colorado, forty-one thousand two hundred and eighty dollars;

Plumas National Forest, California, forty-two thousand and twelve dollars;

Pocatello National Forest, Idaho and Utah, twenty thousand two hundred and forty-six dollars;

Powell National Forest, Utah, sixteen thousand five hundred dollars;

Prescott National Forest, Arizona, thirty-three thousand eight hundred and fifty-one dollars;

Rainier National Forest, Washington, thirty-six thousand two hundred and twenty dollars;

Rio Grande National Forest, Colorado, twenty-six thousand six hundred and twenty dollars;

Routt National Forest, Colorado, twenty-two thousand and fifty dollars;

Salmon National Forest, Idaho, twenty-nine thousand eight hundred and twenty-five dollars;

San Isabel National Forest, Colorado, eighteen thousand and seventy dollars;

San Juan National Forest, Colorado, thirty-one thousand four hundred and fifty-eight dollars;

Santa Barbara National Forest, California, thirty-seven thousand eight hundred and eighty-nine dollars;

Sawtooth National Forest, Idaho, twenty-seven thousand two hundred dollars;

Sequoia National Forest, California, thirty-one thousand five hundred and twelve dollars;

Sevier National Forest, Utah, twenty thousand five hundred and fifty dollars;

Shasta National Forest, California, thirty-eight thousand six hundred and seventy-five dollars;

Shoshone National Forest, Wyoming, twenty-five thousand two hundred and twenty dollars;

Sierra National Forest, California, forty-nine thousand three hundred and seventy dollars;

Sioux National Forest, South Dakota and Montana, ten thousand nine hundred and nineteen dollars;

Siskiyou National Forest, Oregon and California, twenty-nine thousand five hundred and sixty-one dollars;

Sitgreaves National Forest, Arizona, twenty-eight thousand and seventy-four dollars;

Siuslaw National Forest, Oregon, twenty-three thousand one hundred and seventy-five dollars;

Snoqualmie National Forest, Washington, thirty thousand one hundred and twenty-nine dollars;

Sopris National Forest, Colorado, twenty-two thousand and fifty-eight dollars;

Stanislaus National Forest, California, thirty-five thousand seven hundred and eighty-eight dollars;

Sundance National Forest, Wyoming, six thousand and twenty-nine dollars;

Superior National Forest, Minnesota, nineteen thousand three hundred and seventy-nine dollars;

Tahoe National Forest, California and Nevada, thirty thousand eight hundred and eighty-six dollars;

Targhee National Forest, Idaho and Wyoming, sixteen thousand eight hundred and fifty dollars;

Teton National Forest, Wyoming, twenty-two thousand one hundred dollars;

Toiyabe National Forest, Nevada, twenty-four thousand dollars;

Tongass National Forest, Alaska, eight thousand three hundred dollars;

Tonto National Forest, Arizona, thirty-three thousand one hundred and eleven dollars;

Trinity National Forest, California, thirty-six thousand dollars;

Tusayan National Forest, Arizona, twenty-seven thousand two hundred and fourteen dollars;

Uinta National Forest, Utah, twenty-eight thousand six hundred dollars;

Umatilla National Forest, Oregon, seventeen thousand two hundred dollars;

Umpqua National Forest, Oregon, thirty-six thousand one hundred and ten dollars;

Uncompahgre National Forest, Colorado, twenty-five thousand nine hundred and ninety dollars;

Wallowa National Forest, Oregon, thirty-three thousand three hundred dollars;

Wasatch National Forest, Utah, twenty-three thousand four hundred and fifty dollars;

Washington National Forest, Washington, thirty-one thousand nine hundred and twenty-five dollars;

Weiser National Forest, Idaho, twenty-two thousand eight hundred dollars;

Wenaha National Forest, Washington and Oregon, nineteen thousand seven hundred and ninety dollars;

Wenatchee National Forest, Washington, thirty-two thousand one hundred and twenty-nine dollars;

White River National Forest, Colorado, nineteen thousand nine hundred and ninety dollars;

Whitman National Forest, Oregon, twenty-six thousand nine hundred and fifty dollars;

Wichita National Forest, Oklahoma, ten thousand six hundred and fifty dollars;

Wyoming National Forest, Wyoming, nineteen thousand seven hundred dollars;

Zuni National Forest, New Mexico and Arizona, nineteen thousand seven hundred and forty-one dollars;

For fighting forest fires and for other unforeseen emergencies, one hundred and thirty-five thousand dollars;

For the purchase and maintenance of all necessary field, office, and laboratory supplies, instruments and equipment, two hundred and twenty-one thousand and forty dollars;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and for other investigations and experiments to promote economy in the use of forest products, one hundred and twenty-nine thousand four hundred and twenty dollars;

For experiments and investigations of range conditions within National Forests, and of methods for improving the range by reseed-

ing, regulation of grazing, and other means, eleven thousand eight hundred and twenty dollars;

For silvicultural and other experiments and investigations within National Forests necessary for tree planting, for the reproduction of existing forests, and the regulation of cutting, sixty-six thousand six hundred and forty dollars;

For silvicultural, dendrological, and other experiments and investigations independent or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, one hundred and eight thousand and ten dollars;

For market and other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, one hundred and fifteen thousand four hundred and seventy dollars;

For enabling the Secretary of Agriculture to test such plants and woods as may require tests to ascertain if they be suitable for making paper, fourteen thousand dollars, or so much thereof as may be necessary, including rent and the employment of labor in the city of Washington and elsewhere, and all other necessary expenses:

Provided, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: *Provided further*, That no part of this appropriation shall be paid or used for the purpose of paying for in whole or in part the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

In all for general expenses, four million six hundred and seventy-two thousand nine hundred dollars.

IMPROVEMENT OF THE NATIONAL FORESTS: There is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of two hundred and seventy-five thousand dollars, to be expended as the Secretary of Agriculture may direct, for the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other permanent improvements necessary for the proper and economical administration, protection, and development of the national forests:

Provided, That not to exceed ten per centum of the total of all sums appropriated under "General Expenses, Forest Service," and under "Improvement of the National Forests," may be used in the discretion of the Secretary of Agriculture as provided above under "General Expenses, Forest Service," and under "Improvement of the National Forests," for all expenses necessary for the general administration of the Forest Service.

Total for Forest Service, five million and eight thousand one hundred dollars.

BUREAU OF CHEMISTRY.

SALARIES, BUREAU OF CHEMISTRY: One chemist, who shall be chief of bureau, five thousand dollars; one chief clerk, one thousand eight hundred dollars; three clerks, class four; five clerks, class three; eight clerks, class two; one property clerk, one thousand six hundred dollars; one clerk, one thousand three hundred dollars; eleven clerks, class one; nine clerks, at one thousand dollars each; one assistant property custodian, nine hundred dollars; eleven clerks, at nine hundred dollars each; two messengers, at eight hundred and forty dollars each; one skilled laborer, nine hundred dollars; two skilled laborers, at seven hundred and twenty dollars each; one skilled laborer, six hundred dollars; four messengers or laborers, at six hundred dollars each; six messengers or laborers, at four hundred and eighty dollars each; two messengers or laborers, at four hundred and twenty dollars each; one messenger or laborer, three hundred and sixty dollars; four charwomen, at two hundred and forty dollars each; in all, seventy-nine thousand three hundred and sixty dollars.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For necessary expenses in conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture in the most general and comprehensive sense of that word, and to continue collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, as follows: For chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, thirty-six thousand dollars; for rent and the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere in conducting investigations, collating and reporting the results of such investigations, and for the rent of buildings in the city of Washington and elsewhere, seventy-three thousand dollars; for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, five thousand dollars.

For all expenses necessary to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, rent, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, two hundred and forty thousand dollars; for employing such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in

the city of Washington, one hundred and seventy-five thousand dollars; out of the city of Washington, two hundred and eighty-seven thousand three hundred and forty dollars;

In all, for general expenses, eight hundred and sixteen thousand three hundred and forty dollars.

Total for Bureau of Chemistry, eight hundred and ninety-five thousand seven hundred dollars.

BUREAU OF SOILS.

SALARIES, BUREAU OF SOILS: One soil physicist, who shall be chief of bureau, three thousand five hundred dollars; one chief clerk, two thousand dollars; two clerks, class four; one clerk, class three; three clerks, class two; one clerk, one thousand two hundred and sixty dollars; seven clerks, class one; one draftsman, one thousand two hundred dollars; one draftsman, one thousand dollars; four clerks, at one thousand dollars each; three clerks, at eight hundred and forty dollars each; one photographer, one thousand two hundred dollars; one messenger, seven hundred and twenty dollars; one messenger or laborer, four hundred and eighty dollars; one laborer, six hundred dollars; one laborer, three hundred dollars; one charwoman or laborer, four hundred and eighty dollars; one messenger boy, three hundred and sixty dollars; in all, thirty-seven thousand four hundred and twenty dollars.

GENERAL EXPENSES, BUREAU OF SOILS: For all necessary expenses, including rent and the employment of investigators, local and special agents, assistants, and labor required in the city of Washington and elsewhere, official traveling expenses, materials, tools, instruments, and apparatus for carrying out the investigations and experiments herein authorized, as follows:

For the investigation of the relation of soils to climate and organic life and of the texture and composition of soils in the field and laboratory, forty-eight thousand dollars;

For the investigation of the relation of soils to drainage and seepage waters, five thousand dollars;

For the investigation of soils, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, one hundred and thirty-five thousand one hundred and sixty dollars;

For general administrative expenses connected with the above-mentioned lines of investigation, five thousand four hundred and forty dollars;

In all, for general expenses, one hundred and ninety-three thousand six hundred dollars.

Total for Bureau of Soils, two hundred and thirty-one thousand and twenty dollars.

BUREAU OF ENTOMOLOGY.

SALARIES, BUREAU OF ENTOMOLOGY: One entomologist, who shall be chief of bureau, four thousand dollars; one chief clerk, one thousand eight hundred dollars; two clerks, class three; four clerks, class two; one artist, one thousand four hundred dollars; four clerks, class one; five clerks, at one thousand dollars each; one messenger,

eight hundred and forty dollars; one messenger, seven hundred and twenty dollars; one laborer, seven hundred and twenty dollars; two charwomen, at four hundred and eighty dollars each; one charwoman, two hundred and forty dollars; in all, twenty-nine thousand two hundred and eighty dollars.

GENERAL EXPENSES, BUREAU OF ENTOMOLOGY: For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, and arboriculture, and ascertaining the best means of destroying those found to be injurious; for salaries, the employment of labor, and rent in the city of Washington and elsewhere, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, nuts, and so forth, including investigations of the pear thrips, cranberry insects, and apple maggots, forty thousand six hundred dollars;

For investigations of insects affecting cereal and forage plants, twenty-five thousand dollars;

For investigations of insects affecting southern field crops, including the cotton boll weevil and other insects injurious to cotton, insects affecting tobacco, rice, and sugar cane, the Argentine ant, and life history studies of ticks, forty-seven thousand dollars;

For investigations of insects affecting forests, fourteen thousand dollars;

For investigations of insects affecting truck crops, stored grains and other stored products, sixteen thousand two hundred and fifty dollars;

For investigations in bee culture, ten thousand dollars;

For investigations of insects affecting citrus fruits, including the white fly, orange thrips, and for carrying on investigations of the hydrocyanic-acid gas process, sixteen thousand five hundred dollars; and for the investigation in this and foreign countries to discover the natural enemy of the white fly and means of employing that for destroying the white fly, five thousand dollars;

For investigations of miscellaneous insects, inspection work, study of insects affecting the health of man and animals, insecticides, and the importation and exchange of useful insects, twenty-eight thousand five hundred and fifty dollars;

In all, for general expenses, two hundred and two thousand nine hundred dollars.

PREVENTION OF SPREAD OF MOTHS: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several state experiment stations, including rent and employment of labor in the city of Washington and elsewhere, and all other necessary expenses, three hundred thousand dollars.

Total for Bureau of Entomology, five hundred and thirty-two thousand one hundred and eighty dollars.

BUREAU OF BIOLOGICAL SURVEY.

SALARIES, BUREAU OF BIOLOGICAL SURVEY: One biologist, who shall be chief of bureau, three thousand dollars; one clerk, class four; one clerk, class two; two clerks, class one; one photographer, one thousand two hundred dollars; two clerks, at one thousand dollars each; two clerks, at nine hundred dollars each; one messenger, seven hundred and twenty dollars; one messenger or laborer, four hundred and eighty dollars; one laborer, six hundred dollars; in all, fifteen thousand four hundred dollars.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY: For salaries, employment of labor, and rent in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," nine thousand four hundred and twenty dollars;

For the maintenance of the Montana National Bison Range and other reservations for mammals and birds, and for the enforcement of section eighty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," seven thousand dollars;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying noxious animals, twenty-five thousand dollars;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, eighteen thousand dollars;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other federal bureaus, departments, boards, and commissions on request from them, twelve thousand one hundred dollars;

In all, for general expenses, seventy-one thousand five hundred and twenty dollars.

Total for Bureau of Biological Survey, eighty-six thousand nine hundred and twenty dollars.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS: One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the department, three thousand two hundred and fifty dollars; one assistant chief of division, two thousand five hundred dollars; one chief of office of accounts and fiscal

agent, who may be detailed to the Forest Service for duty in or out of the city of Washington, two thousand five hundred dollars; eight district fiscal agents, at two thousand dollars each, who may be detailed to the Forest Service for duty in or out of the city of Washington; two auditors, at two thousand dollars each; one cashier and chief clerk, two thousand dollars; three clerks, class four; seven clerks, class three; ten clerks, class two; eight clerks, class one; three clerks, at one thousand dollars each; one clerk, nine hundred dollars; two clerks, at eight hundred and forty dollars each; three clerks, at seven hundred and twenty dollars each; one custodian of records and files, one thousand two hundred dollars; one messenger, six hundred dollars.

Total for Division of Accounts and Disbursements, seventy-nine thousand nine hundred and ninety dollars.

DIVISION OF PUBLICATIONS.

SALARIES, DIVISION OF PUBLICATIONS: One editor, who shall be chief of division, three thousand dollars; one editor, who shall be assistant chief of division, two thousand two hundred and fifty dollars; one chief clerk, two thousand dollars; one assistant editor, two thousand dollars; four assistant editors, at one thousand six hundred dollars each; two assistant editors, at one thousand four hundred dollars each; one assistant in charge of indexing, one thousand eight hundred dollars; one indexer, one thousand four hundred dollars; one assistant in charge of illustrations, two thousand dollars; one draftsman or photographer, one thousand five hundred dollars; two draftsmen or photographers, at one thousand four hundred dollars each; six draftsmen or photographers, at one thousand two hundred dollars each; one assistant photographer, eight hundred and forty dollars; one assistant in charge of document section, two thousand dollars; one assistant in document section, one thousand six hundred dollars; one foreman, miscellaneous distribution, one thousand five hundred dollars; one foreman, farmers' bulletin distribution, one thousand two hundred dollars; one forewoman, one thousand four hundred dollars; one forewoman, one thousand two hundred dollars; one clerk, class two; five clerks, class one; ten clerks, at one thousand dollars each; ten clerks, at nine hundred dollars each; twenty-five clerks, at eight hundred and forty dollars each; thirty-two clerks, at seven hundred and twenty dollars each; one chief folder, one thousand dollars; one folder, nine hundred dollars; three folders, at eight hundred and forty dollars each; two skilled laborers, at nine hundred dollars each; fifteen skilled laborers, at eight hundred and forty dollars each; fifteen skilled laborers, at seven hundred and eighty dollars each; nineteen skilled laborers, at seven hundred and twenty dollars each; two messengers, at eight hundred and forty dollars each; four messengers, at seven hundred and twenty dollars each; three messengers, at six hundred dollars each; two messengers or messenger boys, at four hundred and eighty dollars each; two messengers or messenger boys, at four hundred and twenty dollars each; two messengers or messenger boys, at three hundred and sixty dollars each; two laborers, at six hundred and sixty dollars each; one laborer, six hundred dollars; three charwomen, at four hundred and eighty

dollars each; four charwomen, at two hundred and forty dollars each; in all, one hundred and seventy-two thousand seven hundred and thirty dollars.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For rent in the city of Washington, five thousand dollars;

For labor-saving machinery for addressing and mailing documents, including necessary supplies, three thousand dollars;

For envelopes, stationery, and materials used in the distribution of documents, eleven thousand five hundred dollars;

For office furniture and fixtures, one thousand dollars;

For photographic equipment and for photographic materials and artists' tools and supplies, four thousand dollars;

For gas, electric current, telephone and telegraph service, and freight and express charges, one thousand five hundred dollars;

For wagons, bicycles, horses, harness, and maintenance of the same, one thousand dollars;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, three thousand dollars;

In all, for general expenses, thirty thousand dollars.

Total for Division of Publications, two hundred and two thousand seven hundred and thirty dollars.

BUREAU OF STATISTICS.

SALARIES, BUREAU OF STATISTICS: One statistician, who shall be chief of bureau, three thousand five hundred dollars; one assistant statistician, who shall be assistant chief of bureau, two thousand five hundred dollars; one chief clerk, one thousand eight hundred dollars; six clerks, class four; nine clerks, class three; twelve clerks, class two; two clerks, at one thousand three hundred dollars each; sixteen clerks, class one; ten clerks, at one thousand dollars each; six clerks, at nine hundred dollars each; six clerks, at eight hundred and forty dollars each; ten clerks, at seven hundred and twenty dollars each; two messengers, at eight hundred and forty dollars each; one messenger, six hundred and sixty dollars; one messenger or messenger boy, four hundred and eighty dollars; one laborer, seven hundred and twenty dollars; one laborer, six hundred and sixty dollars; one charwoman, five hundred and forty dollars; two charwomen, at three hundred and sixty dollars each; in all, one hundred and four thousand seven hundred dollars.

GENERAL EXPENSES, BUREAU OF STATISTICS: For all necessary expenses for collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports, and for special investigations and compilations, as follows:

Salaries, employment of labor, and rent in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, twenty-four thousand nine hundred and twenty dollars;

Salaries and traveling and other necessary expenses of special field agents, fifty-six thousand dollars;

Salaries and traveling and other necessary expenses of state statistical agents, thirty thousand two hundred dollars;

Traveling and other necessary expenses of officials and special investigators, two thousand dollars;

Salaries and traveling and other necessary expenses for investigating the cost of production of farm products, two thousand five hundred dollars;

In all, for general expenses, one hundred and fifteen thousand six hundred and twenty dollars.

Total for Bureau of Statistics, two hundred and twenty thousand three hundred and twenty dollars.

LIBRARY, DEPARTMENT OF AGRICULTURE.

SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE: One librarian, two thousand dollars; one assistant librarian, one thousand four hundred dollars; two clerks, class one, one of whom shall be a translator; two cataloguers, at one thousand two hundred dollars each; three cataloguers, at one thousand dollars each; two clerks, at one thousand dollars each; four clerks, at nine hundred dollars each; one clerk, eight hundred and forty dollars; one messenger, seven hundred and twenty dollars; one messenger, six hundred dollars; one messenger or laborer, four hundred and eighty dollars; one charwoman, four hundred and eighty dollars; in all, nineteen thousand nine hundred and twenty dollars.

GENERAL EXPENSES, LIBRARY: For technical books of reference, technical papers, and technical periodicals, and for expenses incurred in completing imperfect series; for rent and the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, fifteen thousand four hundred dollars.

Total for Library, thirty-five thousand three hundred and twenty dollars.

CONTINGENT EXPENSES.

CONTINGENT EXPENSES, DEPARTMENT OF AGRICULTURE: For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for rent in the District of Columbia; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, one hundred thousand dollars.

OFFICE OF EXPERIMENT STATIONS.

SALARIES, OFFICE OF EXPERIMENT STATIONS: One director, four thousand dollars; one chief clerk, one thousand eight hundred dollars; one draftsman, one thousand eight hundred dollars; one clerk and proof reader, one thousand six hundred dollars; one editorial clerk, one thousand four hundred dollars; one editorial clerk, one thousand two hundred dollars; five clerks, class two; six clerks, class one; five clerks, at one thousand dollars each; three clerks, at nine hundred dollars each; six clerks, at eight hundred and forty dollars each; one clerk or messenger, eight hundred and forty dollars; one clerk or messenger, seven hundred and twenty dollars; three clerks or messengers, at six hundred dollars each; two messengers or laborers, at four hundred and eighty dollars each; one copyist or laborer, seven hundred and twenty dollars; four laborers or charwomen, at four hundred and eighty dollars each; two laborers or charwomen, at two hundred and forty dollars each; in all, forty-six thousand one hundred and eighty dollars.

GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS: To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provision of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories to be paid quarterly in advance, seven hundred and twenty thousand dollars.

To enable the Secretary of Agriculture to enforce the provisions of the above Act, and a supplementary Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," relative to their administration, including rent and the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, thirty-three thousand four hundred dollars; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress.

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, ninety-nine thousand dollars, as follows: Alaska, twenty-eight thousand dollars; Hawaii, twenty-eight thousand dollars; Porto Rico, twenty-eight thousand dollars, of which sum five thousand dollars shall be especially devoted to experiments relating to the culture of coffee; and Guam, fifteen thousand dollars; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and to apply

the money received from the sale of such products to the maintenance of said stations, and this fund shall be available until used.

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including rent and the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, ten thousand dollars;

In all, for general expenses, eight hundred and sixty-two thousand four hundred dollars.

NUTRITION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate the nutritive value of agricultural products used for human food, with special suggestions of plans and methods for the more effective utilization of such products for this purpose, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including rent and the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, ten thousand dollars.

IRRIGATION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation waters, at home and abroad, with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including rent and the employment of labor in the city of Washington and elsewhere, and all necessary expenses, seventy thousand three hundred and eighty dollars.

DRAINAGE INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands and to prepare plans for the removal of surplus waters by drainage and for the preparation and illustration of reports and bulletins on drainage, including rent and the employment of labor in the city of Washington and elsewhere, and all necessary expenses, seventy-eight thousand eight hundred and sixty dollars. And the Secretary of Agriculture shall make a special report to the next session of Congress giving the aggregate expenditures under this provision, and the areas in the several States and Territories which have been investigated.

Total for Office of Experiment Stations, one million sixty-seven thousand eight hundred and twenty dollars.

OFFICE OF PUBLIC ROADS.

SALARIES, OFFICE OF PUBLIC ROADS: One director, who shall be a scientist and have charge of all scientific and technical work, three thousand dollars; one chief clerk, one thousand six hundred dollars;

one clerk, one thousand three hundred and twenty dollars; five clerks, class one; one clerk, one thousand one hundred and forty dollars; four clerks, at one thousand dollars each; one clerk, nine hundred dollars; one laborer, six hundred and sixty dollars; two laborers, at six hundred dollars each; one messenger, six hundred dollars; one messenger boy, four hundred and eighty dollars; one messenger boy, three hundred and sixty dollars; in all, twenty-one thousand two hundred and sixty dollars.

GENERAL EXPENSES, OFFICE OF PUBLIC ROADS: For salaries, and the employment of labor, and rent in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, sixteen thousand dollars;

For investigations of the best methods of road making and the best kinds of road-making materials throughout the United States and for furnishing expert advice on road building and maintenance, forty-three thousand dollars;

For investigations of the chemical and physical character of road materials, twenty-three thousand two hundred and eighty dollars;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, ten thousand seven hundred dollars;

In all, for general expenses, ninety-two thousand nine hundred and eighty dollars;

Total for Office of Public Roads, one hundred and fourteen thousand two hundred and forty dollars.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditure on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

MISCELLANEOUS.

And the Secretary of Agriculture is hereby authorized to investigate the cost of food supplies at the farm and to the consumer, and to disseminate the results of such investigation in whatever manner he may deem best; this authorization to be effective upon the approval of this Act.

That hereafter the maximum salary of any scientific investigator in the city of Washington, or other employee engaged in scientific work, paid from the general appropriation, shall not exceed four thousand dollars per annum.

Hereafter the Secretary of Agriculture may permit the erection of fences along international boundary lines, but entirely within the

territory of the United States, for the purpose of keeping out diseased animals.

The Secretary of Agriculture for the fiscal year nineteen hundred and twelve, and annually thereafter, shall transmit to the Secretary of the Treasury for submission to Congress in the Book of Estimates detailed estimates for all executive officers, clerks, and employees below the grade of clerk, indicating the salary or compensation of each, necessary to be employed by the various bureaus, offices, and divisions of the Department of Agriculture.

Total carried by this bill for the Department of Agriculture, thirteen million four hundred and eighty-seven thousand six hundred and thirty-six dollars.

Approved, May 26, 1910.

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